

IN THE CLAIMS:

Please amend the claims as follows.

1. (Currently Amended) A method of fractional replication in a directory server, comprising:
determining a fractional portion of an entry stored on a primary server
using a replication agreement;
replicating the fractional portion from the primary server to a replica server
creating a fractional replica; and
connecting a client computer to the fractional replica,
wherein the client computer has knowledge of only the fractional replica,
and
wherein the replication agreement comprises a list of replicated attribute
types held in an element.
2. (Original) The method of claim 1, further comprising:
using a query rule to govern responses to questions in the absence of entries
on the replica server.
3. (Original) The method of claim 1, further comprising:
using a query rule to govern responses to questions in the absence of
attributes of the entry on the replica server.
4. (Currently Amended) The method of claim 1, further comprising:
updating the fractional portion using a plurality of change types stored in a
change record in a database,
wherein the change type may be one from the group consisting of an add
operation, a delete operation, a modify operation, and a moddn
operation.

5. (Original) The method of claim 1, wherein an entry filtering rule database is stored in the replication agreement.
6. (Cancelled)
7. (Original) The method of claim 1, wherein the element is empty and all attributes of the entry are to be replicated.
8. (Original) The method of claim 1, wherein the list of replicated attribute types comprises an include list.
9. (Original) The method of claim 1, wherein the list of replicated attribute types comprises an exclude list.
10. (Currently Amended) A method of fractional replication in a directory server, comprising:
 - determining a fractional portion of an entry stored on a primary server using a replication agreement;
 - replicating the fractional portion from the primary server to a replica server creating a fractional replica;
 - using a query rule to govern responses to questions in the absence of entries on the replica server;
 - using a query rule to govern responses to questions in the absence of attributes of the entry on the replica server;
 - updating the fractional portion using a plurality of change types stored in a change record in a database; and
 - connecting a client computer to the fractional replica;wherein the client computer has knowledge of only the fractional replica,
wherein the replication agreement comprises a list of replicated attribute types held in an element, and

wherein the change type may be one from the group consisting of an add operation, a delete operation, a modify operation, and a moddn operation.

11. (Withdrawn) A method of transmitting updates to a fractional portion, comprising:
 - retrieving a change record stored in a database;
 - making a pass-through of a plurality of change types from the change record stored in the database; and
 - performing an update function to the fractional portion based on the change type.
12. (Withdrawn) The method of claim 10, wherein the change type comprises an add operation.
13. (Withdrawn) The method of claim 10, wherein the change type comprises a delete operation
14. (Withdrawn) The method of claim 10, wherein the change type comprises a modify operation.
15. (Withdrawn) The method of claim 10, wherein the change type comprises a moddn operation.
16. (Currently Amended) A directory server system allowing fractional replication, comprising:
 - a primary server database comprising a plurality of entries;
 - an entry filtering rule database to determine a fractional portion of an entry stored on the primary server to be replicated using a replication agreement; and

a replica server that replicates the fractional portion received from the primary server creating a fractional replica;
wherein a client computer is connected to the fractional replica having knowledge of only the fractional replica of the entry, and
wherein the replication agreement comprises a list of replicated attribute types held in an element.

17. (Original) The system of claim 16, further comprising:
a query rule to govern responses to questions in the absence of entries on the replica server.
18. (Original) The system of claim 16, further comprising:
a query rule to govern responses to questions in the absence of attributes of the entry on the replica server.
19. (Currently Amended) The system of claim 16, further comprising:
an updated fractional portion updated by using a plurality of change types stored in a change record in a database,
wherein the change type may be one from the group consisting of an add operation, a delete operation, a modify operation, and a moddn operation.
20. (Cancelled)
21. (Original) The system of claim 20, wherein the element is empty and all attributes of the entry are to be replicated.
22. (Original) The system of claim 20, wherein the list of replicated attribute types comprises an include list.

23. (Original) The system of claim 20, wherein the list of replicated attribute types comprises an exclude list.
24. (Currently Amended) A directory server system allowing fractional replication, comprising:
a primary server database comprising a plurality of entries;
an entry filtering rule database to determine a fractional portion of an entry stored on the primary server to be replicated using a replication agreement;
a replica server replicates the fractional portion received from the primary server creating a fractional replica;
a query rule to govern responses to questions in the absence of entries on the replica server;
a query rule to govern responses to questions in the absence of attributes of the entry on the replica server; and
an updated fractional portion updated by using a plurality of change types stored in a change record in a database;
wherein a client computer is connected to the fractional replica having knowledge of only the fractional replica of the entry,
wherein the replication agreement comprises a list of replicated attribute types held in an element.
25. (Currently Amended) A directory server system allowing fractional replication, comprising:
means for determining a fractional portion of an entry stored on a primary server using a replication agreement;
means for replicating the fractional portion from the primary server to a replica server creating a fractional replica; and
means for connecting a client computer to the fractional replica;

wherein the client computer has knowledge of only the fractional replica,
wherein the replication agreement comprises a list of replicated attribute
types held in an element.

26. (Original) The system of claim 25, further comprising:
means for using a query rule to govern responses to questions in the
absence of entries on the replica server.
27. (Original) The system of claim 25, further comprising:
means for using a query rule to govern responses to questions in the
absence of attributes of the entry on the replica server.
28. (Original) The system of claim 25, further comprising:
means for updating the fractional portion using a plurality of change types
stored in a change record in a database.
29. (Currently Amended) A directory server system allowing fractional
replication, comprising:
means for determining a fractional portion of an entry stored on a primary
server using a replication agreement;
means for replicating the fractional portion from the primary server to a
replica server creating a fractional replica;
means for connecting a client computer to the fractional replica;
means for using a query rule to govern responses to questions in the
absence of entries on the replica server;
means for using a query rule to govern responses to questions in the
absence of attributes of the entry on the replica server; and
means for updating the fractional portion using a plurality of change types
stored in a change record in a database;
wherein the client computer has knowledge of only the fractional replica,

wherein the replication agreement comprises a list of replicated attribute
types held in an element.